

$$\begin{array}{c} -\left(\text{CH}_{2}\text{CH}=\text{CHCH}_{2}\right)_{X}\left(\text{CH}_{2}\text{CH}-\text{CHCH}_{2}\right)_{Y}\left(\text{CH}_{2}\text{CH}=\text{CHCH}_{2}\right)_{Z} \\ \text{CH}-\text{CH} \\ \text{HOOC} \end{array}$$

x,y,z = any integer number and x+y+z < 20,000n= integer number between 1 and 100

FIG. 2

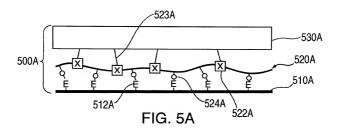
$$-(CH_2CH)_a$$
 $+(CH_2CH=CHCH_2)_b$ $+(CH_2CH)_c$

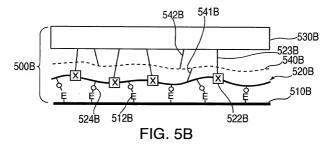
a, b, c = any integer number

FIG. 3

$$\begin{array}{c} -\left[\text{CH}_2\text{CH} = \text{CHCH}_2 \right]_X \\ -\left[\text{CH}_2\text{CH} = \text{CHCH}_2 \right]_Z \\ -\left[\text{CH}_2\text{CH} = \text{CHCH}_2 \right]_Z \\ -\left[\text{CH}_2\text{CH} = \text{CHCH}_2 \right]_Z \\ -\left[\text{CH}_3(\text{OCH}_2\text{CH}_2)_7\text{OH} \right] \\ -\left[\text{CH}_2\text{CH} = \text{CHCH}_2 \right]_X \\ -\left[\text{CH}_2\text{CH} = \text{CHCH}_2 \right]_Z \\ -\left[\text{CH}_2\text{CH} = \text{CHCH}_2 \right]_Z \\ -\left[\text{CH}_3(\text{OCH}_2\text{CH}_2)_7\text{OOC} \right] \\ -\left[\text{CH}_3(\text{OCH}_2\text{CH}_2)_7\text{OOC} \right] \\ -\left[\text{CH}_3(\text{OCH}_2\text{CH}_2)_7\text{OOC} \right] \\ -\left[\text{CH}_3(\text{CH}_2\text{CH}_2)_7\text{OOC} \right] \\ -\left[\text{CH}_3(\text{CH}_2\text{CH}_2\text{CH}_2)_7\text{OOC} \right] \\ -\left[\text{CH}_3(\text{CH}_2\text{CH}_2)_7\text{OOC} \right] \\ -\left[\text{CH}_3(\text{CH}_2\text{CH}_2)_7\text{OOC} \right] \\ -\left[\text{CH}_3(\text{CH}_2\text{CH}_2)_7\text{OOC} \right] \\ -\left[\text{CH}_3(\text{CH}_2\text{CH}_2)_7\text{OOC} \right] \\ -\left[\text{CH}_3(\text{CH}_2\text{CH}_2\text{CH}_2)_7\text{OOC} \right] \\ -\left[\text{CH}_3(\text{CH}_2\text{CH}_2\text{CH}_2)_7\text{OOC} \right] \\ -\left[\text{CH}_3(\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2)_7\text{OOC} \right] \\ -\left[\text{CH}_3(\text{CH}_2\text{$$

FIG. 4







(2) Maleinized Polybutadiene (or maleinized unsaturated polymer) Accelerators + Sulfur and other standard rubber additives (1) Natural rubber + Any synthetic rubber + Rubber

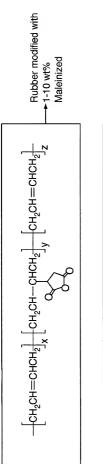
Water dispersible <u>coating</u> contains a mixture of:

(1) an acid modified polybutadiene and
(2) a Styrene-butadiene-Vinyl pyridine Latex

Fiber surface containing Epoxy groups

Polyester Fiber

FIG. 6A



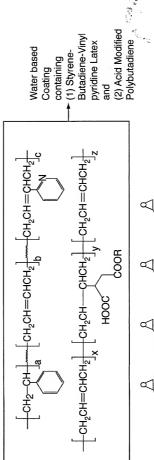


FIG. 6B Polyester Fiber with epoxy groups Fiber surface with epoxy groups Polyester Fiber

